PLAN NOTES

- ALL PROPOSED SHRUB BEDS AND TREE RINGS TO RECEIVE 3" THC. SHREDDED HARDWOOD MULCH (PERENNIALS/GROUNDCOVERS 1" THC.)
- 2. REPAIR ALL EXISTING TURF AREAS DISTURBED DURING CONSTRUCTION (SOD).
- 3. LIMIT OF SEED AND SOD = PROPERTY LINE (UNLESS OTHERWISE NOTED).
- 4. THE CONTRACTOR SHALL LOCATE THE EXISTENCE OF UTILITIES PRIOR TO STARTING WORK.
- 5. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE <u>DRAWING</u>. PLANT MATERIAL QUANTITIES SHOWN ON PLAN TAKE PRECEDENCE TO THOSE OF THE PLANT LIST.
- 6. ALL PLANT MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT AMERICAN STANDARD FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOC. OF NURSERYMEN OR EQUIVALENT. NO "PARK GRADE" MATERIAL SHALL BE ACCEPTED.
- 7. ALL PLANT MATERIAL SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS THE PLANTS ORIGINAL GRADE BEFORE DIGGING.
- 8. ALL PLANTS SHALL BE BALLED AND WRAPPED OR CONTAINER GROWN AS SPECIFIED. NO CONTAINER GROWN STOCK SHALL BE ACCEPTED IF IT IS ROOT BOUND. ALL WRAPPING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED AT THE TIME OF PLANTING.
- 9. ALL PLANTINGS SHALL BE WATERED DURING THE FIRST 24 HOUR PERIOD AFTER PLANTING.
- WATER THOROUGHLY TO ENSURE ALL AIR POCKETS ARE REMOVED AROUND ROOT BALL.

 10. CONTRACTOR IS RESPONSIBLE FOR WATERING SOD UNTIL TIME OF KNITTING.
- 11. IMPORTED TOPSOIL AND SPREADING BY EXCAVATING CONTRACTOR.
- 12. ALL PROPOSED TREES OUTSIDE PLANTING BED AREAS SHALL RECEIVE A 5' DIA. MULCH RING AROUND TRUNK.
- 13. ALL PLANTS AND STAKES SHALL BE SET PLUMB, UNLESS OTHERWISE NOTED. IT IS THE CONTRACTOR'S OPTION TO STAKE TREES, BUT HIS RESPONSIBILITY TO ASSURE PLANTS REMAIN PLUMB UNTIL END OF GUARANTEE PERIOD. IF STAKING OF TREES IS NOT PERFORMED, REMOVAL OF TOP 1/3 OF BURLAP AND ROPES IS UNNECESSARY (REMOVE ALL
- 14. INFORMATION CONTAINED IN "PLAN NOTES" TAKES PRECEDENCE OVER INFORMATION IN
- 15. VERIFY SITE CONDITIONS AND INFORMATION ON DRAWINGS. PROMPTLY REPORT ANY DISCREPANCIES AND/OR DEVIATIONS FROM THE INFORMATION SHOWN ON THE PLAN. THE OWNER IS NOT RESPONSIBLE FOR UNAUTHORIZED CHANGES OR EXTRA WORK REQUIRED TO CORRECT UNREPORTED DISCREPANCIES.
- 16. ALL PLANTING BED EDGES TO BE CULTIVATED.

NON-BIODEGRADABLE MATERIAL).

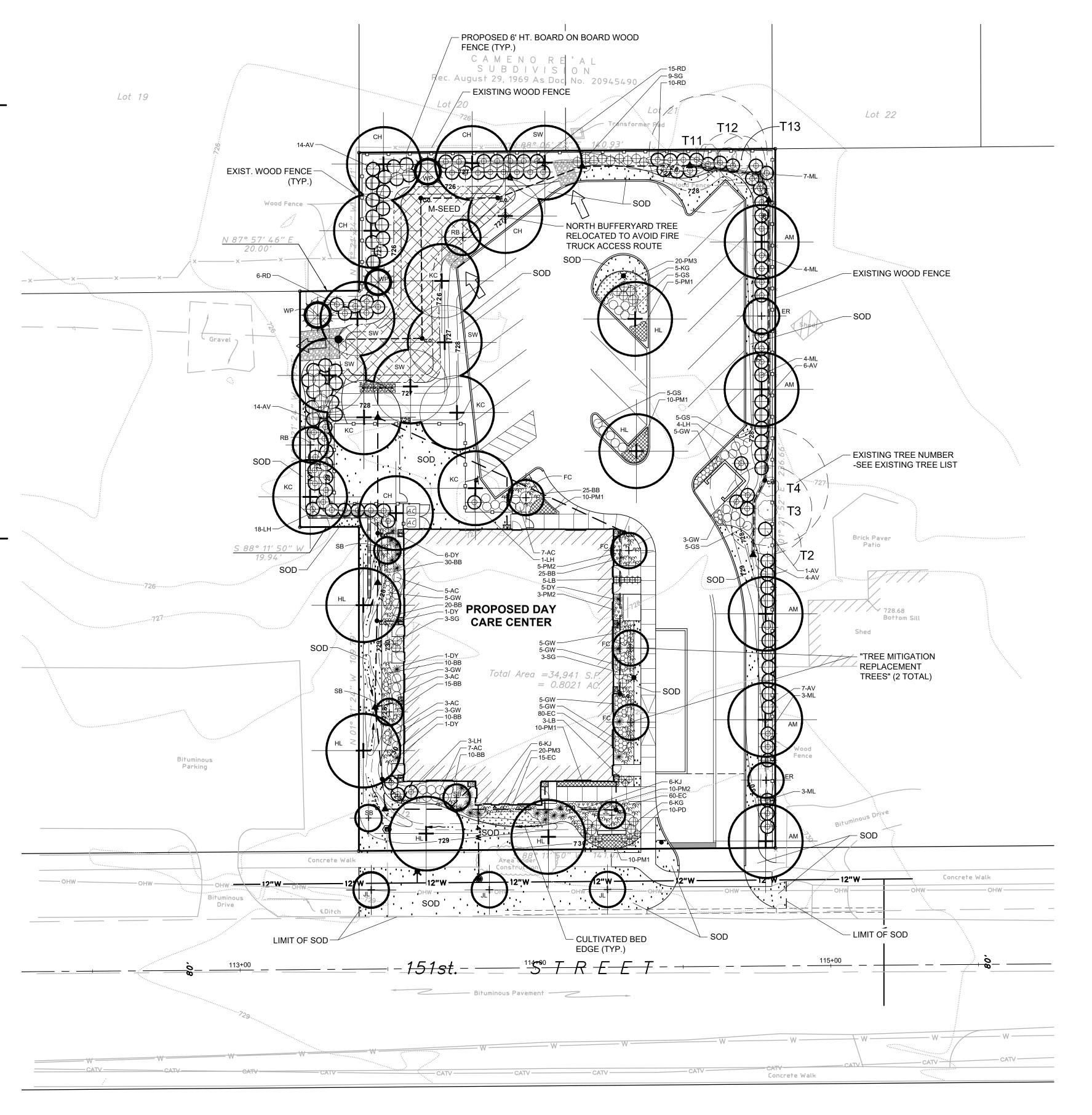
- 17. AMEND ALL GROUNDCOVER BEDS W/4" THC. SAND AND COMPOST MIX PRIOR TO PLANTING. MIX INTO THE EXIST. TOPSOIL TO A 12" DEPTH.
- 18. PARKWAY TREES LIMBS TO BE NO LOWER THAN 6' ABOVE GRADE.
- 19. STORMWATER MANAGEMENT AREA TO HAVE A 12" DEPTH ENGINEERED SOIL MIX (I.E. 50% SAND, 30% COMPOST, AND 20% TOPSOIL). SEE ENGINEERING PLANS FOR DETAIL. ALSO, A STORMWATER "MAINTANANCE AND MONITORING PLAN", ACCEPTABLE TO THE VILLAGE, WILL BE SUBMITTED AT TIME OF FINAL REVIEW.

SITE DATA

<u> </u>	IIE DATA	
	TOTAL LOT AREA:	34,931 S.F.
	TOTAL LANDSCAPED AREA:	14,850 S.F. (42.5%)
	PARKING LOT AREA LANDSCAPE (10' W. REQUIRED / PROPOSED PROPOSED PARKING SPACES REQUIRED / PROPOSED PARKING ISLANDS (1/10 SPACES) TOTAL PARKING ISLAND LS AREA REQ'D. / PROPOSED PARKING LOT TREES (1/10 SPACES) SHRUBS AND PERENNIALS ALSO PROPOSED (60% COVEREQ'D. PARKING LOT SCREENING (75% COVERAGE, 36" HT SHRUBS AND 6' HT. WOOD FENCE PROPOSED	17 1.7 / 2 510 S.F. 1.7 / 2 RAGE)
	LANDSCAPE PARKWAY (140.01' - 24' W. DRIVEWAY X 15' W.): REQUIRED / PROPOSED SHADE TREES (1/40 L.F.)	2.9 / 3*
	LANDSCAPE CORRIDOR (ARTERIAL MINOR STREET 141.01'): REQ'D. / PROPOSED SHADE TREES (2/100 L.F.) REQ'D. / PROPOSED ORNAMENTAL TREES (2/100 L.F.)	2.8 / 3 2.8 / 3
	BUFFERYARDS: EAST (BUFFERYARD -TYPE 3) REQUIRED / PROPOSED SHADE TREES (3/100 L.F.) REQ'D. / PROPOSED ORN. OR EVG. TREES (1/100 L.F.) REQ'D. / PROPOSED SHRUBS (16/100 L.F.) REQUIRED / PROPOSED 6' FENCE	10' W. X 236.66 L.F. 7.1 / 7 2.4 / 2 37.9 / 39
	NORTH (BUFFERYARD -TYPE 3) REQUIRED / PROPOSED SHADE TREES (3/100 L.F.) REQ'D. / PROPOSED ORN. OR EVG. TREES (1/100 L.F.) REQ'D. / PROPOSED SHRUBS (16/100 L.F.) REQUIRED / PROPOSED 6' FENCE	10' W. X 130.93 L.F. 7.1 / 7** 1.3 / 1 20.8 / 21
	NORTH-WEST (BUFFERYARD -TYPE 3) REQUIRED / PROPOSED SHADE TREES (3/100 L.F.) REQ'D. / PROPOSED ORN. OR EVG. TREES (1/100 L.F.) REQ'D. / PROPOSED SHRUBS (16/100 L.F.) REQUIRED / PROPOSED 6' FENCE	10' W. X 66.71 L.F. 2.0 / 2 0.7 / 1 10.7 / 11
	WEST (BUFFERYARD -TYPE 1) REQUIRED / PROPOSED SHADE TREES (3/100 L.F.) REQ'D. / PROPOSED ORN. OR EVG. TREES (1/100 L.F.) REQ'D. / PROPOSED SHRUBS (16/100 L.F.)	10' W. X 199.58 L.F. 5.9 / 6 1.9 / 2 31.8 / 32
	FOUNDATION LANDSCAPING REQUIRED / PROPOSED ORN. TREES (1/100 L.F.) REQ'D. / PROPOSED SHRUBS (16/100 L.F.)	10' W. (FRONT***) X 346 L.F. 3.4 / 3 55.3 / 55
	INTERIOR LOT LANDSCAPING REQUIRED / PROPOSED SHADE TREES (1/10,000 L.F.)	34,941 S.F. 3.5 / 4
	STORMWATER MANAGEMENT AREA LANDSCAPING REQUIRED / PROPOSED SHADE TREES (1/100 L.F. H.W.L.) REQ'D. / PROPOSED ORN. TREES (1/200 L.F. H.W.L.) REQ'D. / PROPOSED SHRUBS (3/50 L.F. H.W.L.)	222 L.F. H.W.L. 2.2 / 2 1.1 / 1 13.3 / 15

*DUE TO OVERHEAD WIRES, ORNAMENTAL TREES HAVE BEEN SUBSTITUTED

CALCULATION INCLUDES (3) EXISTING TREES; (1) PROPOSED TREE SHIFTED SOUTH ALONG STORMWATER MANAGEMENT AREA TO AVOID CONFLICT WITH FIRE TRUCK ACCESS ROUTE *SIDES AND BACK ARE 7' WIDE



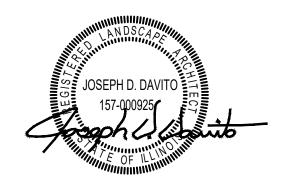
PLANT SCHEDULE

SYMBOL	KEY	COMMON/LATIN NAME	SIZE	CONDITION*	SPACING	QUANTITY
SI	HADE TR	REES				
$\left(+ \right)$	AM —	AUTUMN BLAZE MAPLE ACER X FREEMANII JEFFSRED	2.5" CAL.	B & B	SPECIMEN	5
	СН	COMMON HACKBERRY CELTIS OCCIDENTALIS	2.5" CAL.	B & B	SPECIMEN	5
l	HL	SKYLINE THORNLESS HONEYLOCUST GLEDITSIA TRIACANTHOS VAR. INERMIS	2.5" CAL.	B & B	SPECIMEN	6
	KC	KENTUCKY COFFEETREE GYMNOCLADUS DIOICUS 'ESPRESSO'	2.5" CAL.	B & B	SPECIMEN	5
	SW	SWAMP WHITE OAK QUERCUS BICOLOR	2.5" CAL.	B & B	SPECIMEN	5
F	VERGRE WP	EN TREES EASTERN WHITE PINE PINUS STROBUS	6' HT.	B & B	SPECIMEN	3
\bigcirc °	RNAMEN ER	ITAL TREES EASTERN REDBUD CERSIS CANADENSIS	6' HT.	B & B	SPECIMEN	2
$\overline{}$	FC	RED JEWEL FLOWERING CRABAPPLE MALUS SPECIES	2.5" CAL.	B & B	SPECIMEN	4
	JL	JAPANESE TREE LILAC SYRINGA RETICULATA	6' HT.	B & B	SPECIMEN	4
	RB	RIVER BIRCH BETULA NIGRA	6' HT.	B & B	SPECIMEN	2
	SB	SHADBLOW SERVICEBERRY AMELANCHIER CANADENSIS	6' HT.	B & B	SPECIMEN	4
** E'	VERGRE DY	EN SHRUBS DENSE YEW TAXUS X MEDIA DENSIFORMIS	24"	B & B	3' O.C.	14
	KJ	KALLAY JUNIPER JUNIPERUS CHINENSIS VAR. KALLAY'S CO	24" DMPACT	B & B	3' O.C.	12
	ECIDUOL AC	JS SHRUBS DWARF ALPINE CURRANT RIBES ALPINUM GREEN MOUND	18"	B & B	3' O.C.	25
Φ0	AV	AMERICAN CRANBERRYBUSH VIBURNUM VIBURNUM TRILOBUM	30"	B & B	4.5' O.C.	46
	GS	GRO-LOW SUMAC RHUS AROMATICA	18"	B & B	3' O.C.	20
	LH	LIMELIGHT HYDRANGEA HYDRANGEA PANICULATA	30"	B & B	4.5' O.C.	26
	ML	MISS KIM LILAC SYRINGA PATULA	30"	B & B	4.5' O.C.	21
	RD	CARDINAL REDTWIG DOGWOOD CORNUS SERICEA	30"	B & B	4.5' O.C.	31
G	ROUNDO BB	COVERS AND PERENNIALS BRONZE BEAUTY BUGLEWEED AJUGA REPTANS	1G.	CONTR.	1.5' O.C.	145
	EC	PURPLELEAF WINTERCREEPER EUONYMUS FORTUNEI VAR. COLORATUS	QT.	CONTR.	1' O.C.	155
	GW	WILD GERANIUM GERANIUM MACULATUM	1G.	CONTR.	2' O.C.	39
\bigoplus	KG	KARL FOERSTER FEATHER REED GRASS CALAMAGROSTIS X ACUTIFLORA	3G.	CONTR.	3' O.C.	11
\$\tag{\text{\text{\$\phi}\}}\	LB	STANDING OVATION LITTLE BLUESTEM SCHIZACHYTRIUM SCOPARIUM	1G.	CONTR.	2' O.C.	8
\$\tag{\text{\ti}\text{\texi{\text{\texi{\text{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}}\\ \ti}\\\ \tinttitex{\text{\text{\text{\text{\text{\text{\texi}}}\\ \tinttitex{\text{\text{\texi}\text{\text{\text{\text{\texi}\tittt{\text{\texi}\til\tittt{\text{\text{\text{\text{\texi}\titt{\texi}\tittt{\texi}\til\tittt{\text{\texi}\tittt{\texitit}}\	PD	PRAIRIE DROPSEED SPOROBOLUS HETEROLEPIS	1G.	CONTR.	2' O.C.	10
	PM1	PERENNIAL MIX #1 BRIGHT SUNSET DAYLILY / HEMEROCALL RUSSIAN SAGE /PERVOSKIA ATRIPLICIFO		CONTR. S 60%	2' O.C.	45
	PM2	PERENNIAL MIX #2 AUTUMN MOOR GRASS / SESLARIA AUTU WESUWE SALVIA / SALVIA NEMOROSA 50		CONTR. %	2' O.C.	38
++++++	PM3	PERENNIAL MIX #3 KOBOLD GAYFEATHER / LIATRIS SPICATA PIXIE MEADOWBRIGHT CONEFLOWER / E WALKERS LOW CATMINT / NEPETA X RAC WHITE GAYFEATHER / LIATRIS FLORISTA	CHINACEA EMOSA 30	%	2' O.C. 30%	40
	SG	SWITCH GRASS PANICUM VIRGATUM	3G.	CONTR.	3' O.C.	15
	SOD	SOD (BLUEGRASS VARIETY)	S.Y.	14/75		850
	M- SEED	MESIC PRAIRIE SEED MIX GENESIS LO PRO DRY MESIC PRAIRIE WI	S.Y. TH FLOWE	W/BLANKET RS**		250

* IF B & B PLANTS ARE NOT AVAILABLE DUE TO TIME OF SEASON, CONTAINER PLANTS MAY BE SUBSTITUTED, AS APPROVED BY THE LANDSCAPE ARCHITECT.

EXISTING TREE LIST:

TREE#	COMMON NAME	BOTANICAL NAME	DIAMETER (INCHES)	CONDITION	PRESERVATION STATUS	TREE REPLACEMENT MITIGATION NOTES	REPLACEMENT TREES REQ'D
1	SILVER MAPLE	ACER SACCARINUM	30	GOOD-FAIR	REMOVE	EXEMPT FROM REPLACEMENT	0
2	BLACK WALNUT	JUGLANS NIGRA	9	FAIR	PRESERVE		
3	WHITE MULBERRY	MORUS ALBA	15	FAIR-POOR	PRESERVE		
4	BLACK WALNUT	JUGLANS NIGRA	20	GOOD	PRESERVE		
5	BLACK WALNUT	JUGLANS NIGRA	3	GOOD-FAIR	REMOVE	EXEMPT FROM REPLACEMENT	0
6	RED MAPLE	ACER RUBRUM	11	GOOD	REMOVE	REPL. W/ 2 TREES @ 2.5" CAL.	2
7	WHITE MULBERRY	MORUS ALBA	14	FAIR	REMOVE	EXEMPT FROM REPLACEMENT	0
8	SIBERIAN ELM	ULMUS PUMILA	21	FAIR	REMOVE	EXEMPT FROM REPLACEMENT	0
9	WHITE MULBERRY	MORUS ALBA	12	FAIR	REMOVE	EXEMPT FROM REPLACEMENT	0
10	SILVER MAPLE	ACER SACCARINUM	30	FAIR	REMOVE	EXEMPT FROM REPLACEMENT	0
11	SILVER MAPLE	ACER SACCARINUM	20	GOOD-FAIR	PRESERVE		
12	WHITE MULBERRY	MORUS ALBA	8	FAIR	PRESERVE		
13	WHITE MULBERRY	MORUS ALBA	8	FAIR	PRESERVE		
						TOTAL REPLACEMENT TREES (2.5" cal.):	2





NORTH
0 2

3 03/01/2021 Per Village of Orland Park Review Comments
2 11/20/2020 Per Village of Orland Park Review Comments
1 09/11/2020 Per Village of Orland Park Review Comments

| HAEGER ENGINEER Consulting engineers • Iand surveyo 100 East State Parkway, Schaumburg, IL 60173 • Tel: 847.394.6600 Fax: 847.394.666 Illinois Professional Design Firm License No. 184-003152

LANDSCAPE PLAN
MINI ACENEMY 2
ITE IMPROVEMENTS

roject Manager: PL
ngineer: DJV
Date: 05-15-2020
roject No. 20-041
heet L1.0

Know what's **below. Call** before you dig.

Call 811 at least 48 hours, excluding weekends and holidays, before you dig.

^{**} SEED MIX TO BE SUPPLIED BY ARTHUR CLESEN INC. (847) 537-2177 (OR APPROVED EQUAL). INSTALL PER GROWER'S RECOMMENDATIONS. SEE SHEET L1.1 FOR DETAILED SEED LIST AND MAINTENANCE SPECIFICATIONS.